

10039500 BEAR RIVER AT BORDER, WY

LOCATION.--Lat 42°12'40", long 111°03'11", in NE¹/₄NE¹/₄NE¹/₄ sec. 15, T. 14 S., R. 46 E., Bear Lake County, Idaho, Hydrologic Unit 16010102, on left bank 0.2 mi west of Wyoming-Idaho State line, 0.5 mi west of Border, and 2.1 mi upstream from Thomas Fork.

DRAINAGE AREA.--2,486 mi².

PERIOD OF RECORD.--October 1937 to September 1996, October 1996 to September 1997 (seasonal).

REVISED RECORDS.--WRD UT-74-1: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 6,051.63 ft above sea level, unadjusted.

REMARKS.--Records good except for estimated daily discharges, which are poor. Natural flow of stream affected by regulation of upstream reservoirs, diversions for irrigation, and return flow from irrigated areas.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 4,880 ft³/s June 7, 1983, gage height, 9.69 ft; minimum, 24 ft³/s Apr. 29, 30, 1977.

EXTREMES FOR CURRENT YEAR.--Maximum daily discharge, 3,290 ft³/s June 20; maximum gage height, 8.52 ft., May 26, 27, (backwater from Thomas Fork) minimum daily discharge, 138 ft³/s Oct. 1, 2.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1996, NOVEMBER 1996 AND APRIL 1997 TO SEPTEMBER 1997
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	139	243	---	---	---	---	1130	1860	2770	1280	540	326
2	138	238	---	---	---	---	1210	1770	2800	1250	507	320
3	145	240	---	---	---	---	1160	1700	2770	1200	487	320
4	147	240	---	---	---	---	1140	1680	2500	1170	484	321
5	149	241	---	---	---	---	1130	1710	2250	1120	502	311
6	149	232	---	---	---	---	1080	1790	2240	1100	546	306
7	148	261	---	---	---	---	1020	1860	2230	1070	535	304
8	148	239	---	---	---	---	1020	1940	2280	1040	498	301
9	150	237	---	---	---	---	1020	2020	2470	987	473	298
10	152	246	---	---	---	---	993	2080	2650	950	477	302
11	149	241	---	---	---	---	938	2190	2810	943	491	313
12	146	238	---	---	---	---	891	2320	2830	1020	491	327
13	144	242	---	---	---	---	868	2390	2870	1120	503	337
14	144	243	---	---	---	---	867	2450	3020	1090	539	331
15	145	241	---	---	---	---	857	2510	3040	1060	535	317
16	156	240	---	---	---	---	870	2650	3040	1030	505	335
17	159	235	---	---	---	---	921	2740	3100	930	477	325
18	153	262	---	---	---	---	991	2750	3180	849	461	309
19	167	282	---	---	---	---	1080	2750	3250	832	451	317
20	173	302	---	---	---	---	1140	2700	3290	805	441	331
21	165	291	---	---	---	---	1280	2540	3250	786	432	366
22	159	291	---	---	---	---	1350	2480	3130	717	412	348
23	166	309	---	---	---	---	1360	2510	2930	699	387	345
24	183	284	---	---	---	---	1440	2550	2710	683	388	336
25	209	275	---	---	---	---	1560	2690	2460	662	381	328
26	245	269	---	---	---	---	1570	2860	2170	630	374	329
27	247	263	---	---	---	---	1640	2870	1830	603	370	326
28	249	269	---	---	---	---	1780	2800	1520	586	358	322
29	245	283	---	---	---	---	1900	2750	1400	575	348	330
30	243	296	---	---	---	---	1910	2750	1340	553	334	331
31	246	---	---	---	---	---	---	2770	---	542	325	---
TOTAL	5358	7773	---	---	---	---	36116	73430	78130	27882	14052	9712
MEAN	173	259	---	---	---	---	1204	2369	2604	899	453	324
MAX	249	309	---	---	---	---	1910	2870	3290	1280	546	366
MIN	138	232	---	---	---	---	857	1680	1340	542	325	298
AC-FT	10630	15420	---	---	---	---	71640	145600	155000	55300	27870	19260